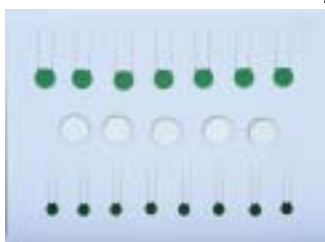


## Features

## Typical applications

SmartCera



- Rapid switch.
  - High voltage.
  - Great current.
  - Lead-free weld.
- Motor of automobiles
  - Low voltage electric implement
  - Consumer electronics
  - Low voltage power supplies



## SCC series

R-line devices

### Part Specification

Part number	(25 )	V <sub>max</sub> (VDC)	I <sub>H</sub> (mA)	I <sub>T</sub> (mA)	T <sub>f</sub> ( )	Mark	Agency Recognition
SCC-OR2-160AXM	0.23	16	1600	3200	120	SCC0R2	-
SCC-OR2-160AWM	0.23	16	1500	3000	110	SCC0R2	-
SCC-OR3-160AVM	0.3	16	1300	2600	100	SCC0R3	-
SCC-OR5-240AVM	0.5	24	1000	2000	100	SCC0R4	TUV
SCC-1R0-240AVM	1.0	24	750	1500	100	SCC1R0	-
SCC-1R0-240ASM	1.0	24	600	1200	70	SCC1R0	-
SCC-1R0-160AYM	1.0	16	625	1250	140	SCC1R0	TUV
SCC-1R5-360AVM	1.5	36	550	1200	100	SCC1R5	-
SCC-2R0-480AVM	2.0	48	450	1000	100	SCC2R0	-
SCC-3R3-480ATM	3.3	48	250	600	800	SCC3R3	-
SCC-4R7-480ATM	4.7	48	200	500	800	SCC4R7	-

I<sub>H</sub> = Hold current: max current at which the device will not trip at 25 °C still air

I<sub>T</sub> = Trip current: min current at which the device will always trip at 25 °C still air

V<sub>max</sub> = Max voltage device can withstand without damage

T<sub>f</sub> = Reference Curie temperature

Part numbering system : **SCC-OR5-240AVM**

**1 2 3 4 5 6**

1. Series code

2. Resistance @25 °C ( ) 2 significant digits + multiplier e.g: 0R5=0.5

3. Max. voltage 2 significant digits + multiplier e.g : 240=24V

4. Product form A. leaded disks with coating B. disk C. leaded disks without coating D. reel tape

5. T<sub>f</sub> R:<60 S:70 T:80 U:90 V:100 W:110 X:120 Y:>120

6. Resistance tolerance K: ± 10% L: ± 15% M: ± 20% N: ± 25% P: ± 30%

## Part dimension

Part number	D mm	T mm	L mm	F mm
SCC-0R2-160AXM	14	4	10	10
SCC-0R2-160AWM	14	4	10	10
SCC-0R3-160AVM	14	4	10	10
SCC-0R5-240AVM	14	4	10	10
SCC-1R0-240AVM	14	4	10	10
SCC-1R0-240ASM	14	4	10	10
SCC-1R0-160AYM	9	3	20	5
SCC-1R5-360AVM	14	4	10	10
SCC-2R0-480AVM	14	4	10	10
SCC-3R3-480ATM	10	4	10	5
SCC-4R7-480ATM	10	4	10	5
SCC-0R2-160AXM	14	4	10	10

